



ELSEVIER

12 December 1997

Chemical Physics Letters 280 (1997) 563-571

**CHEMICAL
PHYSICS
LETTERS**

Author index to volume 280

- Achatz, U., see Beyer, M. 280 (1997) 459
Adam, J.L., see Binnemans, K. 280 (1997) 333
Albert, G., see Beyer, M. 280 (1997) 459
Andrews, S.B., N.A. Burton and I.H. Hillier, A corrective potential for hydrogen in density functional calculations 280 (1997) 73
Aplincourt, P., see del Rio, E. 280 (1997) 444
Arechabaleta, R., see Boussaad, S. 280 (1997) 397
Astashkin, A.V., see Sakaguchi, Y. 280 (1997) 481
Augustine, M.P. and K.W. Zilm, Optical pumping magnetic resonance in high magnetic fields: Measurement of high field spin exchange cross sections 280 (1997) 24
Balakrishnan, N., R.C. Forrey and A. Dalgarno, Threshold phenomena in ultracold atom-molecule collisions 280 (1997) 1
Balakrishnan, N., V. Kharchenko, R.C. Forrey and A. Dalgarno, Complex scattering lengths in multi-channel atom-molecule collisions 280 (1997) 5
Balasubramanian, K., see Majumdar, D. 280 (1997) 212
Balasubramanian, K., see Tan, H. 280 (1997) 219
Balasubramanian, K., see Tan, H. 280 (1997) 423
Baldus, M., see Verel, R. 280 (1997) 31
Bardeen, C.J., G. Cerullo and C.V. Shank, Temperature-dependent electronic dephasing of molecules in polymers in the range 30 to 300 K 280 (1997) 127
Bardeen, C.J., V.V. Yakovlev, K.R. Wilson, S.D. Carpenter, P.M. Weber and W.S. Warren, Feedback quantum control of molecular electronic population transfer 280 (1997) 151
Barnes, P.W., see Reid, J.P. 280 (1997) 359
Bastida, A., J. Zuñiga, A. Requena, I. Sola, N. Halberstadt and J.A. Beswick, Application of trajectory surface hopping to vibrational predissociation 280 (1997) 185
Bates, M.A. and C. Zannoni, A molecular dynamics simulation study of the nematic-isotropic interface of a Gay-Berne liquid crystal 280 (1997) 40
Baumgärtel, H., see Donner, C. 280 (1997) 287
Baumgärtel, H., see Ring, S. 280 (1997) 251
Beckert, D., see Geimer, J. 280 (1997) 353
Bégué, D., see Mérawa, M. 280 (1997) 203
Berg, C., see Beyer, M. 280 (1997) 459
Beswick, J.A., see Bastida, A. 280 (1997) 185
Beyer, M., C. Berg, G. Albert, U. Achatz and V.E. Bondybey, Coordinative saturation of cationic niobium- and rhodium-argon complexes 280 (1997) 459
Bilalbegović, G. and H.O. Lutz, The onset of a liquid-vapour transition in metallic nanoparticles 280 (1997) 59

- Binnemans, K., C. Görrler-Walrand and J.L. Adam, Spectroscopic properties of Gd^{3+} -doped fluorozirconate glass 280 (1997) 333
- Boldt, P., see Dietrich, R. 280 (1997) 119
- Bondybey, V.E., see Beyer, M. 280 (1997) 459
- Borisenko, K.B., see Kovács, A. 280 (1997) 451
- Bossa, M., see Morpurgo, S. 280 (1997) 233
- Boussaad, S., N.J. Tao and R. Arechabaleta, Structural and electron transfer properties of cytochrome *c* adsorbed on graphite electrode studied by in situ tapping mode AFM 280 (1997) 397
- Bratko, D., A.K. Chakraborty and E.I. Shakhnovich, Recognition between random heteropolymers and multifunctional disordered surfaces 280 (1997) 46
- Bräuchle, C., see Dietrich, R. 280 (1997) 119
- Bräuchle, C., see Schmälzlin, E. 280 (1997) 551
- Brede, O., see Häupl, T. 280 (1997) 520
- Burton, N.A., see Andrews, S.B. 280 (1997) 73
- Cai, Z., see Ma, S. 280 (1997) 308
- Caro, J., see Poborchii, V.V. 280 (1997) 17
- Carpenter, S.D., see Bardeen, C.J. 280 (1997) 151
- Casarin, M., C. Maccato and A. Vittadini, A comparative study of CO and NO chemisorption on $Cu_2O(111)$ and $Ag_2O(111)$ non-polar surfaces 280 (1997) 53
- Cerullo, G., see Bardeen, C.J. 280 (1997) 127
- Cha, Y.-H., Y. Furukawa, M. Tasumi, T. Noguchi and T. Ohnishi, Analysis of the intensity and phase delay of photoinduced infrared absorption from poly(2,5-thienylenevinylene) 280 (1997) 464
- Chakraborty, A.K., see Bratko, D. 280 (1997) 46
- Chandross, M., Y. Shimoi and S. Mazumdar, Systematic characterization of excited states in π -conjugated polymers 280 (1997) 85
- Chen, S.-J., see Chou, P.-T. 280 (1997) 134
- Chen, Y.-C., see Chou, P.-T. 280 (1997) 134
- Chichinin, A.I., see Sorokin, V.I. 280 (1997) 141
- Chou, P.-T., Y.-C. Chen, C.-Y. Wei, S.-J. Chen, H.L. Lu and M.Z. Lee, The sensitized $O_2(^1\Delta_g)$ dimol luminescence in solution 280 (1997) 134
- Cid-Aguero, P., H. Liu and E.C. Lim, Photoionization probe of chain conformations in supersonic jet: conformation-specific two-photon ionization in 1,3-diphenylpropane 280 (1997) 489
- Costa, P.R., J.D. Gross, M. Hong and R.G. Griffin, Solid-state NMR measurement of Ψ in peptides: a NCCN 2Q-heteronuclear local field experiment 280 (1997) 95
- Dalgarno, A., see Balakrishnan, N. 280 (1997) 1
- Dalgarno, A., see Balakrishnan, N. 280 (1997) 5
- Del Rio, E., P. Aplincourt and M.F. Ruiz-López, Solvent effects on ozonolysis reaction intermediates 280 (1997) 444
- Denzer, W., G. Hancock, J.C. Pinot de Moira and P.L. Tyley, Direct observation of spin-forbidden formation of $O(^1D)$ in the near-UV photolysis of ozone 280 (1997) 496
- Dietrich, R., K. Meerholz, C. Bräuchle, J. Wichern and P. Boldt, Phase-matched second-harmonic generation due to anomalous dispersion: tailoring of the refractive indices in three-component systems 280 (1997) 119
- Donner, C., St. Kirste, L. Pohlmann and H. Baumgärtel, The appearance of athermal nuclei of thymine at Au(111) and the shape of current-time transients 280 (1997) 287

- Dreger, Z.A., see Yang, G. 280 (1997) 375
- Drickamer, H.G., see Yang, G. 280 (1997) 375
- Eisenhardt, C.G., see Ring, S. 280 (1997) 251
- Estrin, D.A., J. Kohanoff, D.H. Laria and R.O. Weht, Hybrid quantum and classical mechanical Monte Carlo simulations of the interaction of hydrogen chloride with solid water clusters 280 (1997) 280
- Feldman, V.I., F.F. Sukhov and A.Yu. Orlov, Further evidence for formation of xenon dihydride from neutral hydrogen atoms: a comparison of ESR and IR spectroscopic results 280 (1997) 507
- Finocchi, M., see Scacco, A. 280 (1997) 321
- Fleming, G.R., see Yu, J.-Y. 280 (1997) 404
- Fleming, J.W., see L'Espérance, D. 280 (1997) 113
- Forrey, R.C., see Balakrishnan, N. 280 (1997) 1
- Forrey, R.C., see Balakrishnan, N. 280 (1997) 5
- Francini, R., see Scacco, A. 280 (1997) 321
- Fukui, K., H. Onishi and Y. Iwasawa, Imaging of individual formate ions adsorbed on TiO₂(110) surface by non-contact atomic force microscopy 280 (1997) 296
- Furukawa, Y., see Cha, Y.-H. 280 (1997) 464
- Gan, W.-H., see Zeng, X.-R. 280 (1997) 469
- García, G. and F. Manero, Correlation of the total cross section for electron scattering by molecules with 10–22 electrons, and some molecular parameters at intermediate energies 280 (1997) 419
- Geimer, J., D. Beckert and A. Jenichen, Kinetic isotope effect in hydrogen abstraction from 2-propanol by hydrogen and deuterium radicals. A pulse radiolysis Fourier transform electron spin resonance study 280 (1997) 353
- Gong, K.-C., see Zeng, X.-R. 280 (1997) 469
- Görller-Walrand, C., see Binnemans, K. 280 (1997) 333
- Grassano, U.M., see Scacco, A. 280 (1997) 321
- Griffin, R.G., see Costa, P.R. 280 (1997) 95
- Gross, J.D., see Costa, P.R. 280 (1997) 95
- Halberstadt, N., see Bastida, A. 280 (1997) 185
- Hamabe, H., H. Sekiya, N. Nakano, K. Nishi and Y. Nishimura, Structure and hydrogen-bonding interactions in jet-cooled tropolone–acetone 280 (1997) 390
- Hancock, G., see Denzer, W. 280 (1997) 496
- Harris, K.D.M., see Kariuki, B.M. 280 (1997) 189
- Hartke, B. and H.-J. Werner, Time-dependent quantum simulations of FH₂⁺ photoelectron spectra on new ab initio potential energy surfaces for the anionic and the neutral species 280 (1997) 430
- Häupl, T., C. Windolph, T. Jochum, O. Brede and R. Hermann, Picosecond fluorescence of nucleic acid bases 280 (1997) 520
- Hayakawa, F., see Nakajima, A. 280 (1997) 381
- Hayase, T., see Nakajima, A. 280 (1997) 381
- Helenius, V., J. Korppi-Tommola, S. Kotila, J. Nieminen, R. Lohikoski and J. Timonen, Anomalous temperature dependence of the IR spectrum of polyalanine 280 (1997) 325
- Hermann, R., see Häupl, T. 280 (1997) 520
- Hershberger, J.F., see Hovda, N. 280 (1997) 145

- Hillier, I.H., see Andrews, S.B. 280 (1997) 73
Hong, M., see Costa, P.R. 280 (1997) 95
Hovda, N. and J.F. Hershberger, A diode laser study of the product branching ratio of the
CH + N₂O reaction 280 (1997) 145
Hoyau, S. and G. Ohanessian, Complexation of small organic molecules by Cu⁺ 280 (1997) 266
Hudgens, J.W., see Pipino, A.C.R. 280 (1997) 104
Hughes, S., see Yang, A. 280 (1997) 475
Hui, Q., see Yonekura, N. 280 (1997) 525
Huie, R.E., see Pipino, A.C.R. 280 (1997) 104

Ibach, H., see Swiderek, P. 280 (1997) 556
Ishikawa, Y., see Vilkas, M.J. 280 (1997) 167
Iwasawa, Y., see Fukui, K. 280 (1997) 296
Iwata, S., see Saeki, M. 280 (1997) 348

Jenichen, A., see Geimer, J. 280 (1997) 353
Jiang, J., see Xie, R.-H. 280 (1997) 66
Jiao, H., see Mo, Y. 280 (1997) 439
Jochum, T., see Häupl, T. 280 (1997) 520
Johnston, R.L., see Kariuki, B.M. 280 (1997) 189
Jungwirth, P., B. Schmidt and N. Moiseyev, Vibrationally resolved spectra from short-time
quantum molecular dynamics by the filter-diagonalization method 280 (1997) 177

Kariuki, B.M., H. Serrano-González, R.L. Johnston and K.D.M. Harris, The application of
a genetic algorithm for solving crystal structures from powder diffraction data 280 (1997) 189
Kaya, K., see Nakajima, A. 280 (1997) 381
Kharchenko, V., see Balakrishnan, N. 280 (1997) 5
Kiefer, W., see Schmitt, M. 280 (1997) 339
Kirste, St., see Donner, C. 280 (1997) 287
Knopp, G., see Schmitt, M. 280 (1997) 339
Ko, T.-M., see Zeng, X.-R. 280 (1997) 469
Kobayashi, T., see Yang, A. 280 (1997) 475
Koc, K., see Vilkas, M.J. 280 (1997) 167
Kohanoff, J., see Estrin, D.A. 280 (1997) 280
Kolobov, A.V., see Poborchii, V.V. 280 (1997) 10
Kolobov, A.V., see Poborchii, V.V. 280 (1997) 17
Korppi-Tommola, J., see Helenius, V. 280 (1997) 325
Kotila, S., see Helenius, V. 280 (1997) 325
Kovács, A., K.B. Borisenko and G. Pongor, An application of the DFT-based scaled
quantum mechanical force field method to a weakly bonded system: N₂O₄ 280 (1997) 451
Kuroda, M., see Yang, A. 280 (1997) 475

Laria, D.H., see Estrin, D.A. 280 (1997) 280
Lee, D.-K. and A. Ramamoorthy, A composite pulse sequence for the broadband excitation
in overtone ¹⁴N NMR spectroscopy 280 (1997) 501
Lee, M.Z., see Chou, P.-T. 280 (1997) 134
Leitner, D.M. and P.G. Wolynes, Quantum energy flow during molecular isomerization 280 (1997) 411
L'Espérance, D., B.A. Williams and J.W. Fleming, Detection of fluorocarbon intermediates
in low-pressure premixed flames by laser-induced fluorescence 280 (1997) 113

- Li, B.-Z., J. Xin and L.M. Ziurys, The pure rotational spectrum of NaCH_3 (\tilde{X}^1A_1) 280 (1997) 513
- Li, Y., see Ma, S. 280 (1997) 308
- Li, Y., see Yang, G. 280 (1997) 375
- Liao, M., see Tan, H. 280 (1997) 219
- Liao, M., see Tan, H. 280 (1997) 423
- Lim, E.C., see Cid-Aguero, P. 280 (1997) 489
- Lin, Z., see Mo, Y. 280 (1997) 439
- Liu, H., see Cid-Aguero, P. 280 (1997) 489
- Liu, S., see Parr, R.G. 280 (1997) 159
- Lohikoski, R., see Helenius, V. 280 (1997) 325
- Lu, H.L., see Chou, P.-T. 280 (1997) 134
- Lu, X., see Ma, S. 280 (1997) 308
- Lutz, H.O., see Bilalbegović, G. 280 (1997) 59
- Ma, S., X. Lu, J. Xu, G. Zhou, Z. Cai, J. Zhou, W. Wang and Y. Li, Photophysical investigation on molecular aggregation of 1-benzyl-2-hydro[60]fullerene in Langmuir-Blodgett multilayers 280 (1997) 308
- Maccato, C., see Casarin, M. 280 (1997) 53
- Majumdar, D. and K. Balasubramanian, Electronic states of Ta_2C^+ 280 (1997) 212
- Manero, F., see García, G. 280 (1997) 419
- Materny, A., see Schmitt, M. 280 (1997) 339
- Mattei, C., see Scacco, A. 280 (1997) 321
- Mayer, P.M. and L. Radom, An ab initio study concerning the experimental observability of $\text{C}_3\text{H}_6^{2+}$ isomers 280 (1997) 244
- Mazumdar, S., see Chandross, M. 280 (1997) 85
- McKee, M.L., Computational study of the $(\text{CH}_3\text{Zn})_2\text{B}_3\text{H}_7$ and CH_3ZnBH_4 dimers 280 (1997) 273
- McMichael Rohlfing, C., see Ortiz, J.V. 280 (1997) 239
- Meerholz, K., see Dietrich, R. 280 (1997) 119
- Meerholz, K., see Schmälzlin, E. 280 (1997) 551
- Meier, B.H., see Verel, R. 280 (1997) 31
- Mérava, M., D. Bégué, M. Rérat and C. Pouchan, Dynamic polarizability and hyperpolarizability for the 14 electron molecules CO and BF 280 (1997) 203
- Mo, Y., P. von Ragué Schleyer, H. Jiao and Z. Lin, Quantitative evaluation of hyperconjugation in the cyclopropylcarbinyl cation and in cyclopropylborane 280 (1997) 439
- Moiseyev, N., see Jungwirth, P. 280 (1997) 177
- Morpurgo, G.O., see Morpurgo, S. 280 (1997) 233
- Morpurgo, S., M. Bossa and G.O. Morpurgo, Ab initio study of intramolecular proton transfer reactions in cytosine 280 (1997) 233
- Nagasawa, Y., see Yu, J.-Y. 280 (1997) 404
- Nagata, T., see Saeki, M. 280 (1997) 348
- Nakajima, A., T. Hayase, F. Hayakawa and K. Kaya, Study on iron-sulfur cluster in gas phase: electronic structure and reactivity 280 (1997) 381
- Nakajima, T. and H. Nakatsuji, Analytical energy gradient of the ground, excited, ionized and electron-attached states calculated by the SAC/SAC-CI method 280 (1997) 79
- Nakajima, T., see Yonekura, N. 280 (1997) 525
- Nakano, N., see Hamabe, H. 280 (1997) 390
- Nakatsuji, H., see Nakajima, T. 280 (1997) 79

- Nieminen, J., see Helenius, V. 280 (1997) 325
- Nijman, M., see Verel, R. 280 (1997) 31
- Nishi, K., see Hamabe, H. 280 (1997) 390
- Nishimura, Y., see Hamabe, H. 280 (1997) 390
- Nobeli, I., S.L. Yeoh, S.L. Price and R. Taylor, On the hydrogen bonding abilities of phenols and anisoles 280 (1997) 196
- Noguchi, T., see Cha, Y.-H. 280 (1997) 464
- Nonella, M., A reinvestigation of the ν_2 and ν_3 modes of 1,4-benzoquinone on the basis of a quantum mechanical harmonic force field 280 (1997) 91
- Nyrönen, T.H. and R. Suontamo, An MO study of neutral C_8 high-symmetry clusters 280 (1997) 227
- Oesterheld, D., see Schmälzlin, E. 280 (1997) 551
- Ohanessian, G., see Hoyau, S. 280 (1997) 266
- Ohnishi, T., see Cha, Y.-H. 280 (1997) 464
- Onishi, H., see Fukui, K. 280 (1997) 296
- Orlov, A.Yu., see Feldman, V.I. 280 (1997) 507
- Ortiz, J.V. and C. McMichael Rohlfing, An ab initio study of geometries, polarizabilities, and rotation barriers of polyphenylsilane oligomers 280 (1997) 239
- Oyanagi, H., see Poborchii, V.V. 280 (1997) 10
- Parr, R.G. and S. Liu, Consequences for finite electronic systems of homogeneity properties of density-functional energy components 280 (1997) 159
- Patzelt, H., see Schmälzlin, E. 280 (1997) 551
- Pauley, M.A. and C.H. Wang, Hyper-Rayleigh scattering measurements of nonlinear optical chromophores at 1907 nm 280 (1997) 544
- Petty, M.C., see Sluch, M.I. 280 (1997) 315
- Pinot de Moira, J.C., see Denzer, W. 280 (1997) 496
- Pipino, A.C.R., J.W. Hudgens and R.E. Huie, Evanescent wave cavity ring-down spectroscopy for probing surface processes 280 (1997) 104
- Poborchii, V.V., A.V. Kolobov, H. Oyanagi, S.G. Romanov and K. Tanaka, Structure of selenium incorporated into nanochannels of mordenite: dependence on ion exchange and method of incorporation 280 (1997) 10
- Poborchii, V.V., A.V. Kolobov, J. Caro, V.V. Zhuravlev and K. Tanaka, Polarized Raman spectra of selenium species confined in nanochannels of $AlPO_4-5$ single crystals 280 (1997) 17
- Pohlmann, L., see Donner, C. 280 (1997) 287
- Pongor, G., see Kovács, A. 280 (1997) 451
- Pouchan, C., see Mérawa, M. 280 (1997) 203
- Price, S.L., see Nobeli, I. 280 (1997) 196
- Radom, L., see Mayer, P.M. 280 (1997) 244
- Ramamoorthy, A., see Lee, D.-K. 280 (1997) 501
- Reid, J.P. and C.J.S.M. Simpson, The influence of the attractive well on near-resonant vibrational energy transfer in the gas phase: the importance of third body collisions 280 (1997) 367
- Reid, J.P., P.W. Barnes and C.J.S.M. Simpson, The vibrational deactivation of $N_2(v=1)$ by H_2 and HD at low temperatures 280 (1997) 359
- Requena, A., see Bastida, A. 280 (1997) 185
- Rérat, M., see Mérawa, M. 280 (1997) 203

- Ring, S., C.G. Eisenhardt and H. Baumgärtel, Photoionization and dissociation of $\text{BF}_3 \cdot ((\text{CH}_3)_2\text{O})_n$ mixed aggregates ($n = 1, 2$) studied by mass spectrometry and ab initio calculations 280 (1997) 251
- Romanov, S.G., see Poborchii, V.V. 280 (1997) 10
- Ruiz-López, M.F., see del Rio, E. 280 (1997) 444
- Saeki, M., L. Zhu, T. Tsukuda, S. Iwata and T. Nagata, Photoabsorption and photofragmentation studies of acetyloxy iodide anion $\text{CH}_3\text{CO}_2\text{I}^-$ 280 (1997) 348
- Sakaguchi, Y., A.V. Astashkin and B.M. Tadjikov, Pulsed microwave irradiation effects on the dynamic behavior of a photochemically generated radical pair in a micellar solution 280 (1997) 481
- Samuel, I.D.W., see Sluch, M.I. 280 (1997) 315
- Scacco, A., M. Finocchi, C. Mattei, U.M. Grassano, R. Francini and N. Zema, Vacuum ultraviolet excited luminescence of Ag^+ impurities in KMgF_3 280 (1997) 321
- Schmälzlin, E., K. Meerholz, S. Stadler, C. Bräuchle, H. Patzelt and D. Oesterheld, Molecular first hyperpolarizabilities of retinal and its derivatives 280 (1997) 551
- Schmidt, B., see Jungwirth, P. 280 (1997) 177
- Schmitt, M., G. Knopp, A. Materny and W. Kiefer, Femtosecond time-resolved four-wave mixing spectroscopy in iodine vapour 280 (1997) 339
- Sekiya, H., see Hamabe, H. 280 (1997) 390
- Serrano-González, H., see Kariuki, B.M. 280 (1997) 189
- Shakhnovich, E.I., see Bratko, D. 280 (1997) 46
- Shank, C.V., see Bardeen, C.J. 280 (1997) 127
- Shen, Y.R., see Su, X. 280 (1997) 302
- Shimoi, Y., see Chandross, M. 280 (1997) 85
- Shin, S.K., Relative stabilities of ortho-, meta- and para-tolyl cations 280 (1997) 260
- Shiraishi, Y., see Yang, A. 280 (1997) 475
- Simpson, C.J.S.M., see Reid, J.P. 280 (1997) 359
- Simpson, C.J.S.M., see Reid, J.P. 280 (1997) 367
- Sluch, M.I., I.D.W. Samuel and M.C. Petty, Quenching of pyrene fluorescence by fullerene C_{60} in Langmuir-Blodgett films 280 (1997) 315
- Sola, I., see Bastida, A. 280 (1997) 185
- Somorjai, G.A., see Su, X. 280 (1997) 302
- Sorokin, V.I. and A.I. Chichinin, The 248 nm photodissociation of ClF_3 : quantum yields for F and Cl atoms 280 (1997) 141
- Stadler, S., see Schmälzlin, E. 280 (1997) 551
- Su, X., Y.R. Shen and G.A. Somorjai, The surface chemistry of 1,3-cyclohexadiene and 1,4-cyclohexadiene on Pt(111) studied by surface vibrational spectroscopy with sum frequency generation 280 (1997) 302
- Sukhov, F.F., see Feldman, V.I. 280 (1997) 507
- Suontamo, R., see Nyrönen, T.H. 280 (1997) 227
- Swiderrek, P., H. Winterling and H. Ibach, Energy-dependent vibrational excitation by electron impact in thin films of amorphous benzene 280 (1997) 556
- Tadjikov, B.M., see Sakaguchi, Y. 280 (1997) 481
- Takami, M., see Yonekura, N. 280 (1997) 525
- Tan, H., M. Liao and K. Balasubramanian, Electronic states and potential energy curves of iridium carbide (IrC) 280 (1997) 219
- Tan, H., M. Liao and K. Balasubramanian, Electronic states and potential energy surfaces of rhodium carbide (RhC) 280 (1997) 423

- Tanaka, K., see Poborchii, V.V. 280 (1997) 10
Tanaka, K., see Poborchii, V.V. 280 (1997) 17
Tao, N.J., see Boussaad, S. 280 (1997) 397
Tasumi, M., see Cha, Y.-H. 280 (1997) 464
Taylor, R., see Nobeli, I. 280 (1997) 196
Timonen, J., see Helenius, V. 280 (1997) 325
Tsukuda, T., see Saeki, M. 280 (1997) 348
Tyley, P.L., see Denzer, W. 280 (1997) 496
- Van Grondelle, R., see Yu, J.-Y. 280 (1997) 404
Van Os, J.W.M., see Verel, R. 280 (1997) 31
Verel, R., M. Baldus, M. Nijman, J.W.M. van Os and B.H. Meier, Adiabatic homonuclear polarization transfer in magic-angle-spinning solid-state NMR 280 (1997) 31
Vilkas, M.J., K. Koc and Y. Ishikawa, Second-order multiconfigurational Dirac-Fock self-consistent field and multireference configuration interaction calculations on beryllium and beryllium-like Ne⁶⁺ 280 (1997) 167
Vittadini, A., see Casarin, M. 280 (1997) 53
Von Ragué Schleyer, P., see Mo, Y. 280 (1997) 439
- Wang, C.H., see Pauley, M.A. 280 (1997) 544
Wang, W., see Ma, S. 280 (1997) 308
Warren, W.S., see Bardeen, C.J. 280 (1997) 151
Weber, P.M., see Bardeen, C.J. 280 (1997) 151
Weht, R.O., see Estrin, D.A. 280 (1997) 280
Wei, C.-Y., see Chou, P.-T. 280 (1997) 134
Weng, K.-N., see Zeng, X.-R. 280 (1997) 469
Werner, H.-J., see Hartke, B. 280 (1997) 430
White, J.O., see Yang, G. 280 (1997) 375
Wichern, J., see Dietrich, R. 280 (1997) 119
Williams, B.A., see L'Espérance, D. 280 (1997) 113
Wilson, C.C., Zero point motion of the librating methyl group in *p*-hydroxyacetanilide 280 (1997) 531
Wilson, K.R., see Bardeen, C.J. 280 (1997) 151
Windolph, C., see Häupl, T. 280 (1997) 520
Winterling, H., see Swiderek, P. 280 (1997) 556
Wolynes, P.G., see Leitner, D.M. 280 (1997) 411
- Xiao, W.-S., see Zeng, X.-R. 280 (1997) 469
Xie, R.-H. and J. Jiang, Large third-order optical nonlinearities of C₆₀-derived nanotubes in infrared 280 (1997) 66
Xin, J., see Li, B.-Z. 280 (1997) 513
Xu, J., see Ma, S. 280 (1997) 308
- Yakovlev, V.V., see Bardeen, C.J. 280 (1997) 151
Yamada, M., Desorption of InOH from indium oxides under exposure to atomic hydrogen 280 (1997) 535
Yang, A., S. Hughes, M. Kuroda, Y. Shiraishi and T. Kobayashi, Stationary and time-resolved spectra of 2,2':5',2''-terthiophene 280 (1997) 475
Yang, G., Y. Li, Z.A. Dreger, J.O. White and H.G. Drickamer, High-pressure studies of second harmonic generation in organic materials 280 (1997) 375
Yeoh, S.L., see Nobeli, I. 280 (1997) 196

- Yonekura, N., T. Nakajima, Q. Hui and M. Takami, The 3d \leftarrow 3p endothermic collisional population transfer of Li in He and Ar at 298 K 280 (1997) 525
- Yoshimoto, M., Phase-death mode in two-coupled chemical oscillators studied with reactors of different volume and by simulation 280 (1997) 539
- Yu, J.-Y., Y. Nagasawa, R. van Grondelle and G.R. Fleming, Three pulse echo peak shift measurements on the B820 subunit of LH1 of *Rhodospirillum rubrum* 280 (1997) 404
- Zannoni, C., see Bates, M.A. 280 (1997) 40
- Zema, N., see Scacco, A. 280 (1997) 321
- Zeng, X.-R., K.-C. Gong, K.-N. Weng, W.-S. Xiao, W.-H. Gan and T.-M. Ko, Effects of ultra-high pressures (> 3.6 GPa) on the electrical resistance of polyaniline by in situ FT-IR studies 280 (1997) 469
- Zhou, G., see Ma, S. 280 (1997) 308
- Zhou, J., see Ma, S. 280 (1997) 308
- Zhu, L., see Saeki, M. 280 (1997) 348
- Zhuravlev, V.V., see Poborchii, V.V. 280 (1997) 17
- Zilm, K.W., see Augustine, M.P. 280 (1997) 24
- Ziurys, L.M., see Li, B.-Z. 280 (1997) 513
- Zuñiga, J., see Bastida, A. 280 (1997) 185